sharing of the digital literary work decided to be shared, a premise communication network for connecting the main server and the sub-server to each other, and a network interface unit for connecting the premise communication network to the data communication network.

In accordance with another aspect of the present invention, there is provided a method of sharing digital literary works while protecting against an illegal reproduction through a communication network, comprising the steps of a) inputting and storing literary work information requiring the protection of its copyright and a digital literary work having an identifier in a main server by a supervisor, b) connecting said main server to an agent server mediating a Sharing Web by the main server, and searching for a digital literary work shared through the Sharing Web according to a search condition set by the supervisor, c) downloading the searched digital literary work from the Sharing Web to the main server, determining whether or not the identifier exists in the digital literary work, and deciding the digital literary work to be "pass" or "fail" with respect to its shareability according to the determination result by the main server, d) generating and storing information of a digital literary work to be shared by the main server against the digital literary work decided to be "fail" as to its shareability among the digital literary works having the

identifier, according to the literary work information requiring the protection of its copyright, and e) accessing the Sharing Web, sharing a list of the digital literary work to be shared, and transmitting the list to the user when a transmission request for the digital literary work to be shared from a predetermined Sharing Web user is received.

In accordance with still another aspect of the present invention, there is provided a method of sharing digital literary works while protecting against an illegal reproduction through a communication network, comprising the steps of a) inputting and storing literary work information requiring the protection of its copyright and a digital literary work having an identifier in a main server by a supervisor, b) connecting the main server to an agent server mediating a Sharing Web by the main server, and searching for a digital literary work shared through the Sharing Web according to a search condition set by the supervisor, c) downloading the searched digital literary work from the Sharing Web to the main server, determining whether or not the identifier exists in the digital literary work, and deciding the digital literary work to be "pass" or "fail" with respect to its shareability according to the determination result by the main server, d) generating and storing information of a digital literary work to be shared by the main server against the digital literary work decided to be "fail" among the

digital literary works having the identifier according to the literary work information requiring the protection of its copyright by the main server, e)generating and storing accessing information of the Sharing Web, and determining a division of system resources required to share the digital literary work to be shared by the main server, f)transmitting a sharing execution command from the main server to a sub-server in response to the division information of system resources, and g)connecting the sub-server to the main server, receiving the accessing information of Sharing Web to be accessed and information of the digital literary work to be shared according to the sharing execution command from the main server, accessing the Sharing Web by the accessing information, and allowing a sharing of the digital literary work to be shared.

BRIEF DESCRIPTION OF THE DRAWINGS

The above and other objects, features and advantages of the present invention will be more clearly understood from the following detailed description taken in conjunction with the accompanying drawings, in which:

Fig. 1 is a block diagram showing a digital literary work sharing system for protecting against an illegal reproduction through a communication network according to preferred